

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E87353

Employer : Fatigue Technology

Worksite :

Street : 401 Andover Park E

Jurisdiction : City of Tukwila

Participation : CTR

Status : Affected

Survey Type : Online

Response Rate : 92%

Survey Date : 5/25/2019

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 16.8%

Drive Alone Rate : 83.2%

One-Way VMT per employee : 15.3

Average One-Way distance home to work : 17.0

Employees and Survey Response Information

Reported Total Employees at Worksite: 160

Surveys Distributed : 125

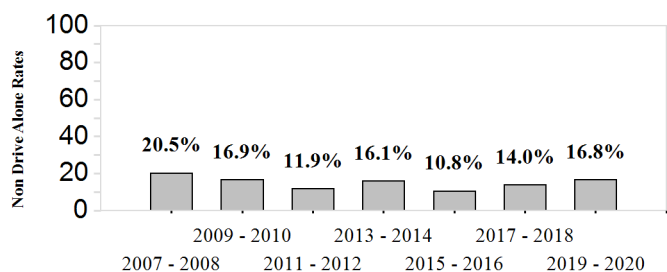
Surveys Returned : 115

Surveys Returned by CTR Affected* Employees : 105

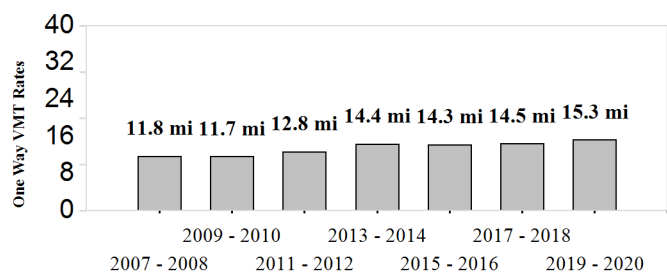
Total Estimated CTR Affected Employees at Worksite : 114

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

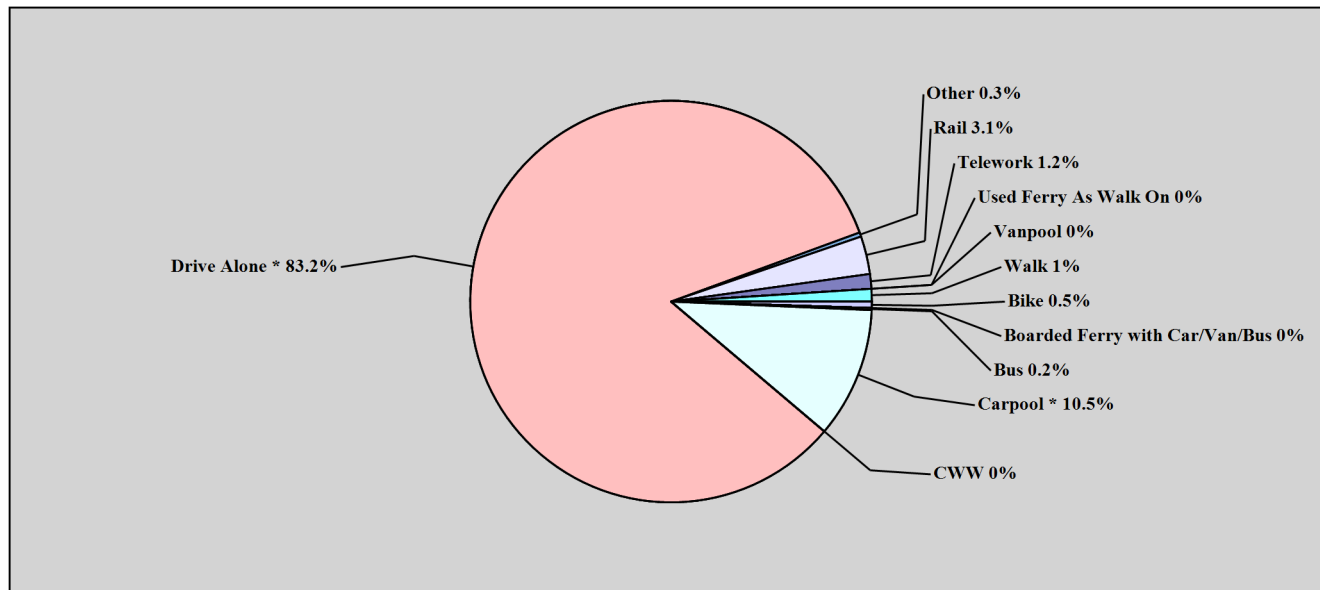
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	20.5%	21.0%	366	460	25.4	11.8	11.7
2009 - 2010	16.9%	17.7%	359	452	24.9	11.7	11.6
2011 - 2012	11.9%	12.4%	357	464	25.6	12.8	12.7
2013 - 2014	16.1%	16.1%	388	603	33.2	14.4	14.2
2015 - 2016	10.8%	10.4%	465	543	29.9	14.3	13.6
2017 - 2018	14.0%	15.3%	272	501	27.6	14.5	14.0
2019 - 2020	16.8%	17.9%	401	558	30.8	15.3	14.7
Target	27.1%				Target:	13.9	
% Point Change Target:	6.6				% Change Target:	17.8%	
% Point Change from Baseline:	-3.7				% Change from Baseline:	29.7%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



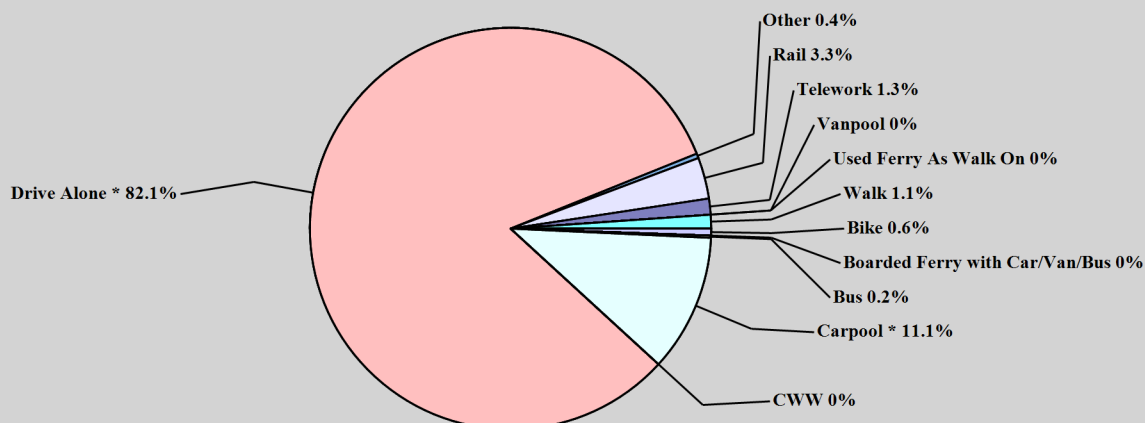
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	491	83.2%	86.0%	102	88.7%	88.2%
Carpool *	62	10.5%	7.6%	16	13.9%	9.4%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	1	0.2%	1.2%	1	0.9%	1.2%
Rail	18	3.1%	3.3%	4	3.5%	4.7%
Bike	3	0.5%	0.5%	2	1.7%	2.4%
Walk	6	1.0%	0.0%	1	0.9%	0.0%
Telework	7	1.2%	0.7%	2	1.7%	1.2%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	2	0.3%	0.7%	1	0.9%	2.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	445	82.1%	84.7%	90	85.7%	85.7%
Carpool *	60	11.1%	8.5%	15	14.3%	10.4%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	1	0.2%	1.3%	1	1.0%	1.3%
Rail	18	3.3%	3.7%	4	3.8%	5.2%
Bike	3	0.6%	0.5%	2	1.9%	2.6%
Walk	6	1.1%	0.0%	1	1.0%	0.0%
Telework	7	1.3%	0.8%	2	1.9%	1.3%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	2	0.4%	0.5%	1	1.0%	1.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	90	78%	115	100%
1 Days	2	2%	25	22%
2 Days	5	4%	23	20%
3 Days	2	2%	18	16%
4 Days	2	2%	16	14%
5 Days	12	10%	14	12%
6 or More Days	2	2%	2	2%

Count by Occupancy of Carpools and Vanpools

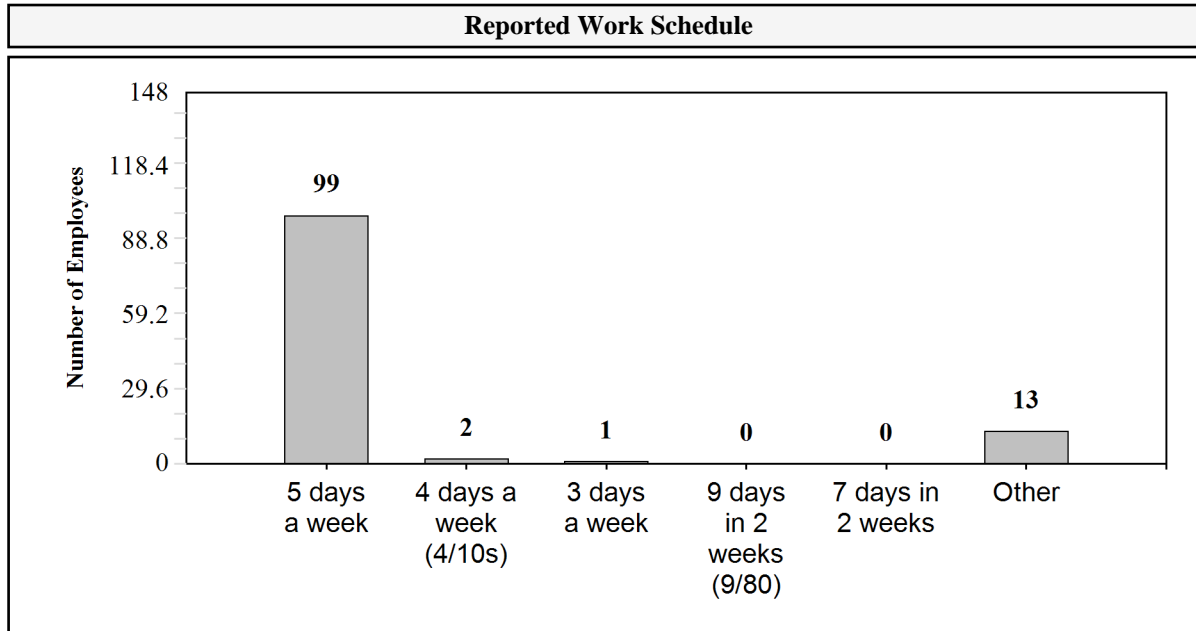
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	62
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

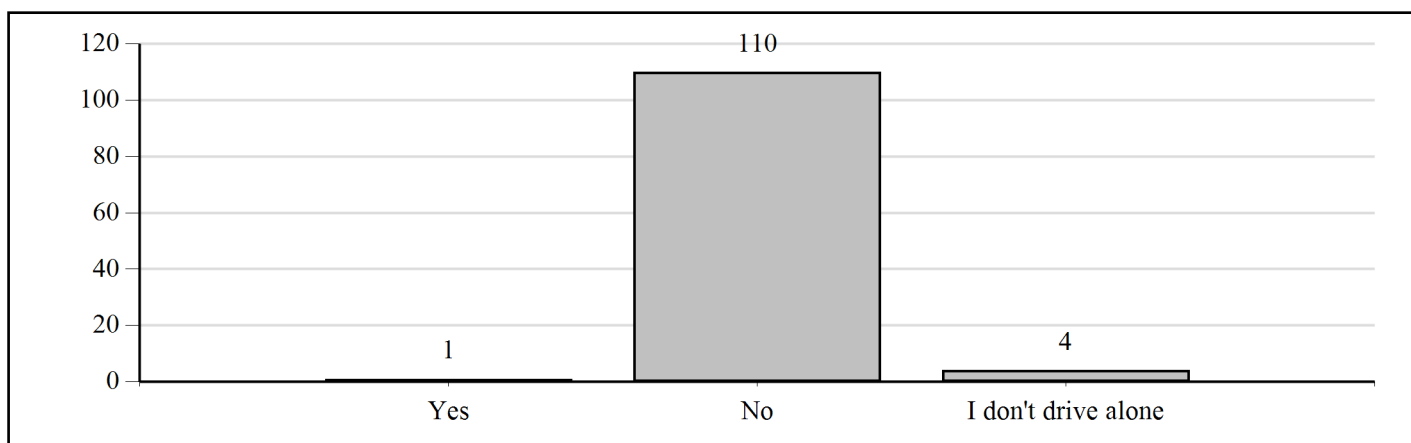
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	99	86.1%
4 days a week (4/10s)	2	1.7%
3 days a week	1	0.9%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	13	11.3%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.9%
I don't telework	95	82.6%
Occasionally, on an as-needed basis	16	13.9%
1-2 days/month	1	0.9%
1 day/week	0	0.0%
2 days/week	1	0.9%
3 days/week	1	0.9%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	33	16.8%
To save time using the HOV lane	25	12.7%
Financial incentives for carpooling, bicycling or walking.	20	10.2%
Other	19	9.6%
Environmental and community benefits	18	9.1%
Free or subsidized bus, train, vanpool pass or fare benefit	17	8.6%
Personal health or well-being	17	8.6%
I have the option of teleworking	13	6.6%
Driving myself is not an option	13	6.6%
Cost of parking or lack of parking	9	4.6%
Emergency ride home is provided	6	3.0%
I receive a financial incentive for giving up my parking space	4	2.0%
Preferred/reserved carpool/vanpool parking is provided	3	1.5%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	91	31.5%
Riding the bus or train is inconvenient or takes too long	81	28.0%
Family care or similar obligations	41	14.2%
My commute distance is too short	26	9.0%
Bicycling or walking isn't safe	22	7.6%
Other	17	5.9%
I need more information on alternative modes	7	2.4%
My job requires me to use my car for work	4	1.4%
There isn't any secure or covered bicycle parking	0	0.0%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98092	9	7.83%	29	17	0	0	0	0	0	0	0	0	0	0	0
98188	6	5.22%	18	5	0	0	0	0	2	6	0	0	0	0	0
98031	5	4.35%	28	0	0	0	0	0	0	0	0	0	0	0	0
98023	4	3.48%	15	5	0	0	0	0	0	0	0	0	0	0	0
98038	4	3.48%	20	0	0	0	0	0	0	0	0	0	0	0	0
98055	4	3.48%	22	0	0	0	0	0	0	0	0	0	0	0	0
98058	4	3.48%	19	1	0	0	0	0	0	0	0	0	0	0	0
98198	4	3.48%	11	7	0	0	0	0	0	0	0	0	0	0	0
98387	4	3.48%	14	7	0	0	0	0	0	0	0	0	0	0	0
98003	3	2.61%	17	0	0	0	0	0	0	0	0	0	0	0	0
98106	3	2.61%	5	12	0	0	0	0	0	0	0	0	0	0	0
98108	3	2.61%	10	5	0	0	0	0	0	0	0	0	0	0	0
98166	3	2.61%	12	0	0	0	0	0	0	0	0	0	0	0	0
98168	3	2.61%	16	0	0	0	0	0	0	0	0	0	0	0	0
98391	3	2.61%	10	0	0	0	0	5	0	0	0	0	0	0	0
98407	3	2.61%	13	0	0	0	0	5	0	0	0	0	0	0	0
98002	2	1.74%	10	0	0	0	0	0	0	0	0	0	0	0	0
98042	2	1.74%	10	0	0	0	0	0	0	0	0	0	0	0	0
98059	2	1.74%	10	0	0	0	0	0	0	0	0	0	0	0	0
98075	2	1.74%	2	0	0	10	0	0	0	0	0	0	0	0	0
98116	2	1.74%	9	0	0	0	0	0	1	0	0	0	0	0	0
98118	2	1.74%	10	0	0	0	0	0	0	0	0	0	0	0	0
98125	2	1.74%	9	0	0	0	0	0	0	0	0	0	0	0	0
98178	2	1.74%	9	0	0	0	0	0	0	0	0	0	0	0	0
98199	2	1.74%	5	0	0	0	0	0	0	0	0	0	0	0	0
98371	2	1.74%	5	0	0	0	0	5	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
01887	1	0.87%	0	0	0	0	0	0	0	0	5	0	0	0	0
98001	1	0.87%	6	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98008	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98012	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98029	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98032	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98034	1	0.87%	6	0	0	0	0	0	0	0	0	0	0	0	0
98036	1	0.87%	5	2	0	0	0	0	0	0	0	0	0	0	0
98047	1	0.87%	3	0	0	0	0	0	0	0	0	0	0	0	0
98062	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98115	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98122	1	0.87%	2	0	0	0	1	0	0	0	0	0	0	0	2
98126	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.87%	7	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98138	1	0.87%	6	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98146	1	0.87%	6	0	0	0	0	0	0	0	0	0	0	0	0
98148	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98208	1	0.87%	3	0	0	0	0	0	0	0	2	0	0	0	0
98233	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98309	1	0.87%	6	0	0	0	0	0	0	0	0	0	0	0	0
98374	1	0.87%	6	0	0	0	0	0	0	0	0	0	0	0	0
98406	1	0.87%	5	0	0	0	0	0	0	0	0	0	0	0	0
98499	1	0.87%	1	1	0	0	0	3	0	0	0	0	0	0	0



Weekly Count of Trips By Mode															
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98503	1	0.87%	6	0	0	0	0	0	0	0	0	0	0	0	0